

**Problem Set 2****Graph Theory****Due 9/24/15**

Four of these problems will be graded, with each problem worth 5 points. Clear and complete justification is required for full credit. You are welcome to discuss these problems with anyone and everyone, but must write up your own final submission without reference to any sources other than the textbook and instructor.

1. Do Problem D44 from Marcus.
2. Do Problem E3 from Marcus.
3. Do Problem E11 from Marcus.
4. Do Problem E25 from Marcus.
5. Do Problem E37 from Marcus.
6. Do Problem E40 from Marcus.
7. Do Problem E41 from Marcus.
8. Do Problem E42 from Marcus.
9. Do Problem F14 from Marcus.
10. Do Problem F28 from Marcus.